



OCCUPATIONAL EXTERNAL RADIATION EXPOSURE HISTORY

(See instructions on reverse side)

IDENTIFICATION				
1. Name (Print—Last, First, Middle)		2. Social Security No.		
3. Date of Birth (Month, Day, Year)		4. Age in Full Years (N)		
OCCUPATIONAL EXPOSURE – PREVIOUS HISTORY				
5. Previous Employments Involving Radiation Exposure – List Name and Address of Employer	6. Dates of Employment (From – To)	7. Periods of Exposure	Previous Dose History	
			8. Whole Body (rem)	9. Record or Calculated (Insert One)
10. Remarks		11. Accumulated Occupational Dose -- Total		
13. Calculations—Permissible Dose Whole Body: (A) Permissible Accumulated Dose = $5(N-18)$ = _____ REM (B) Total Exposure to Date (From Item 11) = _____ REM (C) Permissible Dose = _____ REM		12. Certification: I certify that the exposure history listed in Columns 5, 6, and 7 is correct and complete to the best of my knowledge and belief _____ Employee's Signature _____ 14. Name of Licensee or Registrant		

INSTRUCTIONS FOR PREPARATION OF FORM BHS/HFS-101

This form or a clear and legible record containing all the information required on this form must be completed by each licensee or registrant of the Department who, pursuant to rule 203 proposes to expose an individual to a radiation dose in excess of the amounts specified in rule 205 of Part 5 *Standards for Protection Against Radiation*. The requirements for completion of this form are contained in rule 206. The information contained in this form is used for estimating the accumulated occupational dose of the individual for whom the form is completed. A separate Form BHS/HFS-101 shall be completed for each individual to be exposed to a radiation dose in excess of the limits specified in rule 205. This form requires the signature of the employee concerned. Listed below by item are instructions and additional information directly pertinent to completing this form:

IDENTIFICATION

- Item 1. Self-explanatory.
- Item 2. Self-explanatory except that, if individual has no social security number, the word "none" shall be inserted.
- Item 3. Self-explanatory.
- Item 4. Enter the age in full years. This is called "N" when used in calculating the Permissible Dose. N is equal to the number of years of age of the individual on his last birthday.
- Item 5. List the name and address of each previous employer and the address of employment. Start with the most recent employer and work back. Include only those periods of employment since the eighteenth birthday involving occupational exposure to radiation. For periods of self-employment, insert the word "self-employed".
- Item 6. Give the dates of employment.
- Item 7. List periods during which occupational exposure to radiation occurred.
- Item 8. List the dose recorded for each period of exposure from records of previous occupational exposure of the individual as calculated under rule 206. Dose is to be given in rem. "Dose to the whole body" includes any dose to the whole body, gonads, active blood-forming organs, head and trunk, or lens of eye.
- Item 9. After each entry in Item 8 indicate in Item 9 whether dose is obtained from records or calculated in accordance with rule 206.
- Item 10. Self-explanatory.

TOTAL ACCUMULATED OCCUPATIONAL DOSE (WHOLE BODY)

- Item 11. The total for the whole body is obtained by summation of all values in Item 8.

CERTIFICATION

- Item 12. Upon completion of the report, the employee must certify that the information in Columns 5, 6, and 7 is accurate and complete to the best of his knowledge. The date is the date of his signature.

CALCULATIONS

- Item 13. The lifetime accumulated occupational dose for each individual and the permissible dose under rule 206 are obtained by carrying out the following steps: The value for N should be taken from Item 4. Subtract 18 from N, multiply the difference by 5 rem, and enter the product under (A). (For example, John Smith, age 32; $N - 18 = 32 - 18 = 14$; $14 \times 5 = 70$ rem). Enter total exposure to date from Item 11 under (B). Subtract (B) from (A) and enter the difference under (C). The value in (C) represents the unused part of the permissible accumulated dose. This value for permissible dose is to be carried forward to Form BHS/HFS-102 *Current Occupational External Radiation Exposure* (Whole Body).
- Item 14. Self-explanatory.